

Together with our host, **Dr Robert Harniman**, Bruker warmly invites you to attend our annual **UK AFM User Meeting** at the University of Bristol. The combination of the rich history of AFM at Bristol, and 2026 marking 40 years of AFM, means this meeting promises to be a **very special celebration**.

The two-day event will showcase the latest advances in Atomic Force Microscopy (AFM) and its use in life science and materials science applications, with keynote lectures from **Professor Mervyn Miles** on the early days of AFM at Bristol, and **Professor Zoya Leonenko** from the University of Waterloo on the applications of lipid membranes in bio-nanotechnology, molecular neuroscience and quantum biology.

Gain hands-on experience on our state-of-the-art AFM instruments, including:

- [NanoWizard V BioAFM](#) + Raman/TERS
- Automated, AI-guided, multi-chamber, in vitro imaging and nanomechanical analysis with Bruker's [CellWizard Stage](#)
- The new [Dimension Nexus AFM](#)
- [Photothermal AFM-IR](#) for ultimate versatility in materials research and industrial R&D

There will be a prize for the best poster presented at the user meeting, so be sure to submit your poster title together with your registration to be in with a chance of winning.

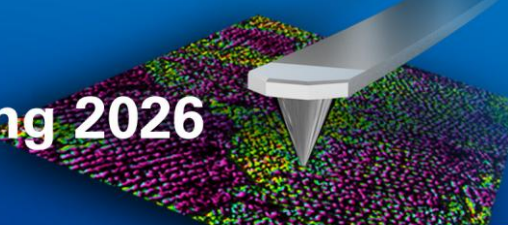
Engage with top researchers in the field and discuss your own research challenges in person with the Bruker applications team and invited speakers. Spaces are limited so early [registration](#) is recommended.

We hope to see you in Bristol in June to help us **celebrate 40 years of Atomic Force Microscopy**.

Agenda Day 1 – Wednesday, 3rd June

09.00	Registration
09.45	Introduction and Order of the Day <i>Dr Rob Harniman, University of Bristol</i> <i>Rhys Jones, Bruker UK Ltd</i>
10.00	Workshop Session 1
11.00	COFFEE
11.15	Workshop Session 2
12.15	LUNCH + POSTER SESSION
13.15	User Meeting Opening Remarks <i>Dr Rob Harniman, Rhys Jones</i>





- 13.30** **Keynote Talk | Title TBA – Professor Mervyn Miles**
- 14.15** **Walls across kingdoms: using AFM to unravel the structure of cell wall in life and death across the tree of life**
Professor Jamie Hobbs, University of Sheffield
- 14.40** **Latest developments in Bio AFM**
Joerg Barner, Application Scientist, Bruker Nano Surfaces & Metrology
- 15.05** **AFM development of cellular and molecular mapping; deciphering the biophysical environments that underpin cellular invasion**
Professor Lewis Francis, Swansea University
- 15.30** **COFFEE**
- 15.45** **Keynote Talk | AFM and KPFM: A frontier to study the Nanoscale Origins of Neurodegeneration – Professor Zoya Leonenko, University of Waterloo, Canada**
- 16.30** **From dynamics to data: improving throughput in AFM**
Dr George Heath, University of Leeds
- 16.55** **Variety is the spice of life: AFM as an interdisciplinary platform**
Dr Robert Harniman, University of Bristol
- 17.20** **Latest developments in materials science AFM and AFM-IR**
Jiahui Qi, Application Scientist, Bruker Nano Surfaces & Metrology
- 17.45** **Wrap-up**
- 18.00** **DRINKS RECEPTION**
- 18.30** **Guest Speaker: Dr Heiko Haschke, Director of Bruker BioAFM Business Unit**
- 20.00** **Close Day 1**



[CellWizard Stage](#)



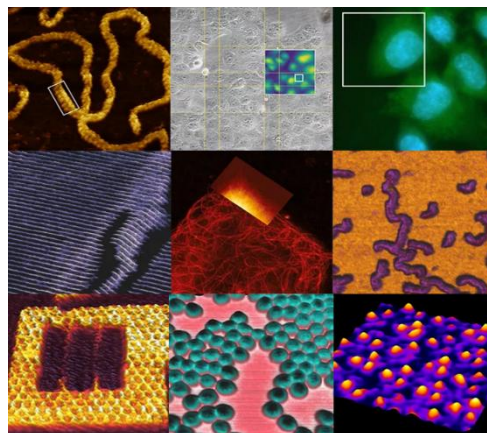
[NanoWizard V BioAFM](#)



[Dimension Nexus AFM](#)

Agenda Day 2 – Thursday, 4th June

09.30	Registration
10.00	Workshop Session 1
11.00	<i>COFFEE</i>
11.15	Workshop Session 2
12.15	<i>LUNCH</i>
13.00	LAB Tour
13.30	Close of User Meeting



Event Venue

University of Bristol
Chemistry Building
Cantock's Close
BS8 1TS Bristol
[Google Maps Link](#)



Contact

Please contact us if you have any questions regarding the event:
Alison Kelly, alison.kelly@bruker.com

Registration

The event costs £30 per person and includes conference dinner and all refreshments on both dates. Fees do not include hotel and transport (we recommend booking your hotel early).

The number of participants is limited, so [register today](#) to secure your place!

